

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

PATENT APPLICATION

APPLICANT(S): Akashi Satoh
Kohji Takano

**ASSIGNEE
NAME:** International Business
Machines Corporation

**ASSIGNEE
RESIDENCE:** Armonk, New York

TITLE: Multiplier and Cipher Circuit

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: January 21, 2004

Signature: *Lisa L. Vulpis*

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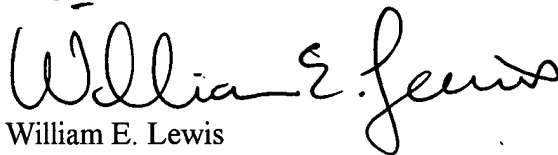
Enclosed are the following papers relating to the above-named application for patent:

Application - 16 pages of Specification, 4 pages of Claims and 1 page of Abstract
11 Sheets of informal drawing(s)
Declaration (unexecuted)
A Certified Copy of Foreign Application for which priority is claimed (Japanese Patent Application No. 2003-015301, filed January 23, 2003)
Information Disclosure Statement with PTO Form-1449 and cited reference(s)

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	13-20 =		x \$18 =	\$0
Independent Claims	4-3 =	1	x \$86 =	\$86
Multiple Dependent Claim(s), if applicable			\$290 =	\$0
Basic Fee				\$770
TOTAL FEE:				\$856

Please file the application and charge **International Business Machines Corporation Deposit Account No. 50-0510** the amount of \$856, to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed. Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560**. Telephone calls should be made to the undersigned attorney at (516) 759-2946.

Respectfully,

A handwritten signature in cursive script that reads "William E. Lewis". The signature is written in dark ink and is positioned above the printed name and address.

William E. Lewis

Reg. No. 39,274

Attorney for Applicant(s)

Ryan, Mason & Lewis, LLP

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Date: January 21, 2004